

Ranking Tool Summary

for FY2008 - Grassland At-Risk Species Habitat Conservation (Released 10/12/2007)

Description:

This EQIP Fiscal Year 2008 funding pool is used to assist landowners who will improve Grassland At-Risk Species Habitat Conservation. Emphasis is placed on creating and improving grassland habitat for plant and animal species in decline. Planting non-native grasses is not eligible for payment under this fund pool. Practices applied in this fund pool will also enhance livestock operations with proper management of native grass. Question number two under State Issues relates to planting native grass within the 50 mile radius of the planned University of Tennessee - Vonore research cellulosic ethanol plant. If the planned site is relocated, a new map will be provided. Vonore is located in Monroe County in east Tennessee. The Tennessee Wildlife Resources Agency is offering a \$55.00 per acre incentive payment for establishing native warm season grasses and landowners are encouraged to apply. Other practices (pipeline, fencing, water systems etc.) are eligible only if planned and located in native warm season grass planting as part of the grassland habitat restoration plan. For example: only a fence in a native warm season grass (NWSG) field (on the border or through it) would be eligible; only a watering facility located in a NWSG field (on the border or in it) would be eligible; only a pipeline located in a NWSG field (on the border or in it) would be eligible. A pipeline could be run in a number of fields to get to the NWSG field, but troughs in the other fields could not be installed (only if a field is on the border or in the NWSG field).

Land Uses:

Hay, Pasture, Wildlife

Efficiency Score:

Scoring Multiplier: 1.00

Optional Notes:

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National Priorities:

Scoring Multiplier: 10.00

Questions:

Number	Question	Points
1	Will the treatment you intend to implement using EQIP result in considerable reductions of non-point source pollution, such as nutrients, sediment, pesticides, excess salinity in impaired watersheds, groundwater contamination or point source contamination from confined animal feeding operations?	5
2	Will the treatment you intend to implement using EQIP result in a considerable amount of ground or surface water conservation?	5
3	Will the treatment you intend to implement using EQIP result in a considerable reduction of emissions, such as particulate matter, nitrogen oxides (NOx), volatile organic compounds, and ozone precursors and depleters that contribute to air quality impairment violations of National Ambient Air Quality Standards?	5
4	Will the treatment you intend to implement using EQIP result in a considerable reduction in soil erosion and sedimentation from unacceptable levels on agricultural land?	5
5	Will the treatment you intend to implement using EQIP result in a considerable increase in the promotion of at-risk species habitat conservation?	5
Total Points		25

State Issues:

Scoring Multiplier: 10.00

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Does the tract have existing native grasslands (minimum of 2 acres) or at least 25% of the offered acres' perimeter is adjacent to cropland or fencerows or hedgerows that have an average minimum width of 20 feet?	100
	2	Will native grass be planted and is the field located within 50 miles of the planned Vonore research cellulosic ethanol plant?	75
	3	Does the applicant agree to defer disturbance on at least 20% of total native grass acres or 100% of native grass buffers during the primary nesting season (4/15-8/15)?	75
	4	Will native grass be planted adjacent to other existing native grass stands? (adjacent areas are greater than 50% native plants)	50
	5	Does the applicant agree to convert at least 5.0 acres of introduced grassland or cropland to native warm season grasses?	50
	6	Will the applicant establish a mixed native grass/forb planting of at least 3 species?	50
	7	Is a field border at least 45 feet in width and at least 1 acre in size planned as part of this contract or is there a pending Conservation Reserve Program (CRP) application for field borders?	50
	8	Can a prescribe burn plan be developed for this site and is the landowner willing to implement a prescribed burn plan?	50
	9	Does the applicant have a Tennessee Department of Conservation (TDEC) Natural Heritage Management Agreement or Natural Areas Registry Agreement for benefitting Threatened and Endangered Species (e.g., a Management Agreement including disking to benefit the Spring Creek bladderwort in Wilson County)?	25
	10	Has the applicant completed and submitted a Conservation Security Program (CSP) Self-Assessment?	10
		Maximum Points: Total Points	535

Local Issues:**Selected Resource Concerns and Practices:**

Air Quality: Chemical Drift

Filter Strip (393)

Hedgerow Planting (422)

Nutrient Management (590)

Pasture and Hay Planting (512)

Pest Management (595)

Prescribed Grazing (528)

Upland Wildlife Habitat Management (645)

Air Quality: Excessive Greenhouse Gas - CO2 (carbon dioxide)

Fence (382)

Field Border (386)

Filter Strip (393)

Hedgerow Planting (422)

Nutrient Management (590)

Pasture and Hay Planting (512)

Pest Management (595)

Prescribed Burning (338)

- Prescribed Grazing (528)
- Pumping Plant (533)
- Upland Wildlife Habitat Management (645)
- Domestic Animals: Inadequate Quantities and Quality of Feed and Forage
 - Fence (382)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Domestic Animals: Inadequate Stock Water
 - Fence (382)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pipeline (516)
 - Pond (378)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Domestic Animals: Stress and Mortality
 - Fence (382)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Fish and Wildlife: Habitat Fragmentation
 - Fence (382)
 - Field Border (386)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Fish and Wildlife: Inadequate Cover/Shelter
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)

- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pond (378)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Upland Wildlife Habitat Management (645)
- Fish and Wildlife: Inadequate Food
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pond (378)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Upland Wildlife Habitat Management (645)
- Fish and Wildlife: T&E Species: Declining Species, Species of Concern
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Fish and Wildlife: Threatened and Endangered Fish and Wildlife Species
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Plant Condition: Forage Quality and Palatability
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)

- Pest Management (595)
- Pipeline (516)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Spring Development (574)
- Upland Wildlife Habitat Management (645)
- Watering Facility (614)

Plant Condition: Noxious and Invasive Plants

- Fence (382)
- Field Border (386)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Upland Wildlife Habitat Management (645)

Plant Condition: Productivity, Health and Vigor

- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pond (378)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Upland Wildlife Habitat Management (645)

Plant Condition: T&E Plant Species: Declining Species, Species of Concern

- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pipeline (516)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Spring Development (574)
- Upland Wildlife Habitat Management (645)
- Watering Facility (614)

Soil Condition: Compaction

- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Heavy Use Area Protection (561)
- Hedgerow Planting (422)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pipeline (516)
- Prescribed Grazing (528)
- Pumping Plant (533)

Spring Development (574)
Upland Wildlife Habitat Management (645)
Watering Facility (614)
Soil Condition: Contaminants-Animal Waste and Other Organics - N
Fence (382)
Field Border (386)
Filter Strip (393)
Heavy Use Area Protection (561)
Nutrient Management (590)
Pasture and Hay Planting (512)
Pipeline (516)
Prescribed Burning (338)
Prescribed Grazing (528)
Pumping Plant (533)
Upland Wildlife Habitat Management (645)
Watering Facility (614)
Soil Condition: Contaminants-Animal Waste and Other Organics - P
Fence (382)
Field Border (386)
Filter Strip (393)
Heavy Use Area Protection (561)
Nutrient Management (590)
Pasture and Hay Planting (512)
Pipeline (516)
Prescribed Burning (338)
Prescribed Grazing (528)
Pumping Plant (533)
Upland Wildlife Habitat Management (645)
Watering Facility (614)
Soil Condition: Damage from Sediment Deposition
Fence (382)
Field Border (386)
Filter Strip (393)
Heavy Use Area Protection (561)
Nutrient Management (590)
Pasture and Hay Planting (512)
Pest Management (595)
Pipeline (516)
Pond (378)
Prescribed Burning (338)
Prescribed Grazing (528)
Upland Wildlife Habitat Management (645)
Watering Facility (614)
Soil Condition: Organic Matter Depletion
Fence (382)
Field Border (386)
Filter Strip (393)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Nutrient Management (590)
Pasture and Hay Planting (512)
Pest Management (595)
Prescribed Burning (338)
Prescribed Grazing (528)
Pumping Plant (533)
Upland Wildlife Habitat Management (645)
Soil Erosion: Classic Gully
Fence (382)
Field Border (386)
Filter Strip (393)
Heavy Use Area Protection (561)

- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pond (378)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Upland Wildlife Habitat Management (645)
- Soil Erosion: Ephemeral Gully
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Upland Wildlife Habitat Management (645)
- Soil Erosion: Sheet and Rill
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Upland Wildlife Habitat Management (645)
- Soil Erosion: Streambank
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pond (378)
 - Pumping Plant (533)
 - Upland Wildlife Habitat Management (645)
- Water Quality: Excessive Nutrients and Organics in Groundwater
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Water Quality: Excessive Nutrients and Organics in Surface Water
 - Fence (382)
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Nutrient Management (590)

- Pasture and Hay Planting (512)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Spring Development (574)
- Upland Wildlife Habitat Management (645)
- Watering Facility (614)
- Water Quality: Excessive Suspended Sediment and Turbidity in Surface Water
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Water Quality: Harmful Levels of Pathogens in Groundwater
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pipeline (516)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Water Quality: Harmful Levels of Pathogens in Surface Water
 - Field Border (386)
 - Filter Strip (393)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pasture and Hay Planting (512)
 - Pipeline (516)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Water Quality: Harmful Temperatures of Surface Water
 - Fence (382)
 - Heavy Use Area Protection (561)
 - Hedgerow Planting (422)
 - Pasture and Hay Planting (512)
 - Pipeline (516)
 - Prescribed Grazing (528)
 - Pumping Plant (533)
 - Spring Development (574)
 - Upland Wildlife Habitat Management (645)
 - Watering Facility (614)
- Water Quantity: Excessive Runoff, Flooding, or Ponding
 - Fence (382)
 - Field Border (386)

- Filter Strip (393)
- Heavy Use Area Protection (561)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Spring Development (574)
- Upland Wildlife Habitat Management (645)
- Watering Facility (614)

Water Quantity: Inefficient Water Use on Non-irrigated Land

- Fence (382)
- Heavy Use Area Protection (561)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Spring Development (574)
- Watering Facility (614)

Water Quantity: Reduced Storage of Water Bodies by Sediment Accumulation

- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Heavy Use Area Protection (561)
- Nutrient Management (590)
- Pasture and Hay Planting (512)
- Pest Management (595)
- Pipeline (516)
- Prescribed Burning (338)
- Prescribed Grazing (528)
- Pumping Plant (533)
- Spring Development (574)
- Upland Wildlife Habitat Management (645)
- Watering Facility (614)

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